![NCDENR logo] NCDENR
NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS	
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	X	SDTF	

COUNTY: Onslow

PERMIT NO.: SWCD67-01

FILE TYPE: COMPLIANCE

Date of Site Inspection: 2 March 2012   **Date of Last Inspection:** 20 May 2011

FACILITY NAME AND ADDRESS:
Szymanic Vermicompost (Stone Creek Castings)
172 Stone Creek Road
Holly Ridge, NC 28445

GPS COORDINATES: **N**: N34.58488 **E**: W 77.46987

FACILITY CONTACT NAME AND PHONE NUMBER:
Leonard M Szymanic
910.358.1806

FACILITY CONTACT ADDRESS:
Stone Creek Castings
172 Stone Creek Road
Holly Ridge, NC 28445
Attn: Leonard M Szymanic
E-mail: pondorolms@hotmail.com

PARTICIPANTS:
Leonard M Szymanic; Stone Creek Vermicomposting
Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:
Active; Vermicompost Demonstration Approval extension issued with an expiration date of 19 April 2013; an extension request with justification is due by 19 January 2013 if necessary.

PURPOSE OF SITE VISIT:
Comprehensive Facility Audit

STATUS OF PAST NOTED VIOLATIONS:
None applicable

OBSERVED VIOLATIONS:
None

ADDITIONAL COMMENTS:
1) This facility is a Vermicomposting Demonstration Project consisting of reactor-type bins.
2) This facility should be operated in such a way as to prevent any threat to the public health or environment.
3) Composting at this site shall be limited to the materials listed as ingredients in the application:
   a. Yard Waste
   b. Wood Shavings
   c. Cardboard and shredded paper
   d. Horse and/or cattle manure
   e. Vegetable waste
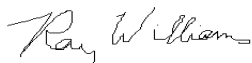4) No unpermitted wastes were noted during this audit.

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5) To prevent impacts to groundwater or surface waters, all leachate generated by the composting process is collected and recycled within the vermicompost bin system.

6) Minimal leachate is being generated by the compost process at this time.

7) Operation of this facility and all composting activities should be maintained in accordance with 15A NCAC 13B Section .1406 of the State Solid Waste Management Rules.

8) Compost generated at this facility has been tested in accordance with 15A NCAC 13B Section .1407 of the State Solid Waste Management Rules and has been approved by the Solid Waste Section for distribution to the public.

9) This facility is now operating with a multi-bin system allowing for an increase in the volume of material processed and an increase in the efficiency of the vermicomposting process.

10) The bedding depth is being maintained at ~12"-14" and the ingredients layered in accordance with Solid Waste Section recommendations. The composting process appears to be taking place efficiently.

11) The Conditions for Compliance in the Solid Waste Compost Demonstration Permit #SWCD67-01 were reviewed during this Facility Compliance Site Inspection; all conditions are being maintained as per the demonstration permit.

12) Compost product was reviewed during this Facility Compliance Site Inspection.

13) No violations were noted during this Facility Compliance Site Inspection.

Please contact me if you have any questions or concerns regarding this Facility Compliance Inspection report.

Ray Williams; Environmental Senior Specialist   Phone: 252.948.3955   E-mail: ray.williams@ncdenr.gov

Regional Representative

Delivered on : 6 March 2012 **by**	X	Electronic delivery		US Mail		Certified No. [__]

cc: Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
Martin A Gallagher; Composting and Land Applications Branch Head/SWS: tony.gallagher@ncdenr.gov
Chief Compliance Officer/SWS

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